Index To Volume 10, 1991

Al-Nimri, L. F., Coolbaugh, R. C.: Conversion of 1′-Deoxy-^{2}H-ABA to ^{2}H-ABA in Cell-Free Extracts from *Cercospora rosicola* 63

Anderson, J. M.: Jasmonic Acid-Dependent Increase in Vegetative Storage Protein in Soybean Tissue Cultures 5

Ariel, T., see Ziv, M. 53

Arissian, M., Perrissin-Fabert, D., Blouet, A., Morel, J-L., Guckert, A.: Effect of Imazaquin on Absorption, Translocation, and Pattern of Distribution of Chlormequat Chloride in Winter Wheat 1

Barthe, Ph., see Le Page-Degivry, M.Th., et al. 67

Bassett, C. L., Mothershed, C. P., Galau, G. A.: Polypeptide Profiles from Cotyledons of Developing and Photoperiodically Induced Seedlings of the Japanese Morning Glory (*Pharbitis* [*Ipomoea*] *nil*) ... 147

Blouet, A., see Arissian, M., et al. 1

Bornman, C. H., see Vankova, R., et al. 197

Bukovac, M. J., see Knoche, M., et al. 173

Buta, J. G., Spaulding, D. W.: Effect of Paclobutrazol on Abscisic Acid Levels in Wheat Seedlings 59

Chand, T., Lembi, C. A.: Gas Chromatographic Determination of Flurprimidol in a Submersed Aquatic Plant (*Myriophyllum spicatum*), Soil, and Water 73

Chen, C. T., Li, C. C., Kao, C. H.: Senescence of Rice Leaves XXXI. Changes of Chlorophyll, Protein, and Polyamine Contents and Ethylene Production During Senescence of a Chlorophyll-Deficient Mutant 201

Coolbaugh, R. C., see Al-Nimri, L. F. 63

Croes, A. F., see van der Krieken, W. M., et al. 79

Cutting, J. G. M.: Determination of the Cytokinin Complement in Healthy and Witchesbroom Malformed Proteas 85

Davis, T. D., see Sankhla, N., et al. 41

Dunlap, J. R., see Lingle, S. E. 167

Epstein, E., Nissen, S. J., Sutter, E. G.: Indole-3-Acetic Acid and Indole-3-Butyric Acid in Tissues of Carrot Inoculated with *Agrobacterium rhizogenes* 97

Faust, M., see Wang, S. Y., et al. 33

Ferrer, M. A., Pedreño, M. A., Muñoz, R., Ros Barceló, A.: Soluble Peroxidase Gradients in Lupin Hypocotyls and the Control of the Level of Polarly Transported Indole-3yl-Acetic Acid 139

Fletcher, R. A., see Kraus, T. E., et al. 229

Fritsch, H. J., see Grossmann, K., et al. 163

Galau, G. A., see Bassett, C. L., et al. 147

Garello, G., see Le Page-Degivry, M.Th., et al. 67

Gaudinova, A., see Vankova, R., et al. 197

Gehlot, H. S., see Sankhla, N., et al. 41

Geneve, R. L.: Patterns of Adventitious Root Formation in English Ivy 215

Gianfagna, T. J.: The Effect of LAB 173711 and Ethephon on Time of Flowering and Cold Hardiness of Peach Flower Buds 191

Gregg, L. L., see Wang, Y-T. 47

Gross, D., see Meyer, A., et al. 17

Grossmann, K., Sauerbrey, E., Fritsch, H. J., Schmidt, O., Rademacher, W., Schulz, G., Sauter, H., Jung, J.: Inhibition of Ethylene Production in Sunflower Cell Suspensions by a Novel Oxime Ether Derivative 163

Grossmann, K., see Schubert, J., et al. 27

Guckert, A., see Arissian, M., et al. 1

Gudin, S., see Le Page-Degivry, M.Th., et al. 67

Hasan, O., see Reid, J. B., et al. 11

Hermans, M., see van der Krieken, W. M., et al. 79

Hocart, C. H., see Tao, G.-Q., et al. 179

Hsiao, K.-C., see Vankova, R., et al. 197

Huang, G. Q., see Zhao, Z. R., et al. 221

Jensen, E., see Meyer, A., et al. 17

Jiao, H. J., see Wang, S. Y., et al. 33

Jung, J., see Grossmann, K., et al. 163

Jung J., see Schubert, J., et al. 27

Kao, C. H., see Chen, C. T., et al. 201

Kelly, J. W., see Rajapakse, N. C. 207

Knee, M.: Role of Ethylene in Chlorophyll Degradation in Radish Cotyledons 157

Knoche, M., Bukovac, M. J.: Studies on Octylphenoxy Surfactants: IX. Effect of Oxyethylene Chain Length on GA_3 Absorption by Sour Cherry Leaves 173

Kraus, T. E., Murr, D. P., Fletcher, R. A.: Uniconazole Inhibits Stress-Induced Ethylene in Wheat and Soybean Seedlings 229

Le Page-Degivry, M.Th., Orlandini, M., Garello, G., Barthe, Ph., Gudin, S.: Regulation of ABA Levels in Senescing Petals of Rose Flowers 67

Lembi, C. A., see Chand, T. 73

Letham, D. S., Singh, S., Wong, O. C.: Mass Spectrometric Analysis of Cytokinins in Plant Tissue

VII. Quantification of Cytokinin Bases by Negative Ion Mass Spectrometry 107

Letham, D. S., see Tao, G.-Q., et al. 179

Li, C. C., see Chen, C. T., et al. 201

Li, G. R., see Zhao, Z. R., et al. 221

Lingle, S. E., Dunlap, J. R.: Sucrose Metabolism and IAA and Ethylene Production in Muskmelon Ovaries 167

Mander, L. N., see Nakayama, M., et al. 115

Meyer, A., Schmidt, J., Gross, D., Jensen, E., Rudolph, A., Vorkefeld, S., Sembdner, G.: Amino Acid Conjugates as Metabolites of the Plant Growth Regulator Dihydrojasmonic Acid in Barley (*Hordeum vulgare*) 17

Moore, J. A., see Moore, T. C. 91

Moore, T. C., Moore, J. A.: Induction of *ent*-Kaurene Biosynthesis by Low Temperature in Dwarf Peas 91

Morel, J-L., see Arissian, M., et al. 1

Mothershed, C. P., see Bassett, C. L., et al. 147

Motten, A. G., see Wheeler, J. J., et al. 129

Muñoz, R., see Ferrer, M. A., et al. 139

Murofushi, N., see Nakayama, M., et al. 115

Murr, D. P., see Kraus, T. E., et al. 229

Nakayama, M., Yamane, H., Murofushi, N., Takahashi, N., Mander, L. N., Seto, H.: Gibberellin Biosynthetic Pathway and the Physiologically Active Gibberellin in the Shoot of *Cucumis sativus* L. 115

Nissen, S. J., see Epstein, E., et al. 97

Orlandini, M., see Le Page-Degivry, M.Th., et al. 67

Pedreño, M. A., see Ferrer, M. A., et al. 139

Perrissin-Fabert, D., see Arissian, M., et al. 1

Pressman, E., Shaked, R.: Regulation of Stem Elongation in Chinese Cabbage by Inflorescence Removal and Application of Growth Regulators 225

Rademacher, W., see Grossmann, K., et al. 163

Rajapakse, N. C., Kelly, J. W.: Influence of $CuSO_4$ Spectral Filters, Daminozide, and Exogenous Gibberellic Acid on Growth of *Dendranthema* X *grandiflorum* (Ramat.) Kitamura 'Bright Golden Anne' 207

Reid, J. B., Ross, J. J., Hasan, O.: Internode Length in *Pisum*: Gene *lkc* 11

Rood, S. B., see Zanewich, K. P., et al. 121

Ros Barceló, A., see Ferrer, M. A., et al. 139

Röser, K., see Schubert, J., et al. 27

Ross, J. J., see Reid, J. B., et al. 11

Rudolph, A., see Meyer, A., et al. 17

Sankhla, A., see Sankhla, N., et al. 41

Sankhla, D., see Sankhla, N., et al. 41

Sankhla, N., Davis, T. D., Gehlot, H. S., Upadhyaya, A., Sankhla, A., Sankhla, D.: Growth and Organogenesis in Moth Bean Callus Cultures as Influenced by Triazole Growth Regulators and Gibberellic Acid 41

Sauerbrey, E., see Grossmann, K., et al. 163

Sauter, H., see Grossmann, K., et al. 163

Sauter, H., see Schubert, J., et al. 27

Schmidt, J., see Meyer, A., et al. 17

Schmidt, O., see Grossmann, K., et al. 163

Schubert, J., Röser, K., Grossmann, K., Sauter, H., Jung, J.: Transpiration-Inhibiting Abscisic Acid Analogs 27

Schulz, G., see Grossmann, K., et al. 163

Seltmann, H., see Wheeler, J. J., et al. 129

Sembdner, G., see Meyer, A., et al. 17

Seto, H., see Nakayama, M., et al. 115

Shaked, R., see Pressman, E. 225

Singh, S., see Letham, D. S., et al. 107

Southworth, C. E., see Zanewich, K. P., et al. 121

Spaulding, D. W., see Buta, J. G. 59

Summons, R. E., see Tao, G.-Q., et al. 179

Sutter, E. G., see Epstein, E., et al. 97

Takahashi, N., see Nakayama, M., et al. 115

Tao, G.-Q., Letham, D. S., Hocart, C. H., Summons, R. E.: Inhibitors of Cytokinin Metabolism III. The Inhibition of Cytokinin *N*-Glucosylation in Radish Cotyledons 179

Upadhyaya, A., see Sankhla, N., et al. 41

van der Krieken, W. M., Croes, A. F., Hermans, M., Wullems, G. J.: Induction of Flower Bud Formation In Vitro by Dihydrozeatin 79

Vankova, R., Hsiao, K.-C., Bornman, C. H., Gaudinova, A.: Effects of Synthetic Cytokinins on Levels of Endogenous Cytokinins and Respiration Patterns of *Beta vulgaris* Cells in Suspension 197

Vorkefeld, S., see Meyer, A., et al. 17

Wang, S. Y., Jiao, H. J., Faust, M.: Changes in the Activities of Catalase, Peroxidase, and Polyphenol Oxidase in Apple Buds During Bud Break Induced by Thidiazuron 33

Wang, C. Y.: Effect of Abscisic Acid on Chilling Injury of Zucchini Squash 101

Wang, Y-T., Gregg, L. L.: Modification of Hibiscus Growth by Treating Uprooted Cuttings and Potted Plants with Uniconazole or Paclobutrazol 47

Wheeler, J. J., Seltmann, H., Motten, A. G.: The Mode of Action of Fatty Alcohols on Leaf Tissue 129

Williams, P. H., see Zanewich, K. P., et al. 121

Wong, O. C., see Letham, D. S., et al. 107

Wullems, G. J., see van der Krieken, W. M., et al. 79

Yamane, H., see Nakayama, M., et al. 115

Yang, Z., see Zheng, R. 187

Zanewich, K. P., Rood, S. B., Southworth, C. E., Williams, P. H.: Dwarf Mutants of *Brassica*: Responses to Applied Gibberellins and Gibberellin Content 121

Zhao, Z. R., Li, G. R., Huang, G. Q.: Promotive Effect of Chrysanthemic Acids on Adventitious Root Formation in Some Plants 221

Zheng, R., Yang, Z.: Lipid Peroxidation and Antioxidative Defense Systems in Early Leaf Growth 187

Ziv, M., Ariel, T.: Bud Proliferation and Plant Regeneration in Liquid-Cultured Philodendron Treated with Ancymidol and Paclobutrazol 53